

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A method of manufacturing an optical film comprising:

forming a separation layer on a first substrate;

forming a subject body having an optical filter on the separation layer;

attaching a second substrate to the subject body by using a first adhesive material so that the second substrate faces the first substrate; and

attaching a support medium to the second substrate by using a peelable adhesive agent;

separating the first substrate and the separation layer from the subject body in a region between the separation layer and the subject body; and

separating the support medium and the peelable adhesive agent from the second substrate.

2. (Currently Amended) A method of manufacturing an optical film comprising:

forming a separation layer on a first substrate;

forming a subject body having an optical filter on the separation layer, the optical filter comprising a black matrix and a colored layer;

attaching a support medium to the subject body by using a peelable adhesive agent so that the support medium faces the first substrate; and

separating the first substrate and the separation layer from the subject body in a region between the separation layer and the subject body;

forming a second substrate on the subject body using an adhesive material; and
separating the support medium and the peelable adhesive agent from the subject body.

3. (Original) A method of manufacturing an optical film according to claim 1, wherein the separation layer is formed of an element selected from titanium, aluminum, tantalum, tungsten, molybdenum, copper, chromium, neodymium, iron, nickel, cobalt, ruthenium, rhodium, palladium, osmium, iridium; or a single layer made from an alloy material or a compound material having the elements as its main constituent; or a lamination layer thereof.

4. (Original) A method of manufacturing an optical film according to claim 2, wherein the separation layer is formed of an element selected from titanium, aluminum, tantalum, tungsten, molybdenum, copper, chromium, neodymium, iron, nickel, cobalt, ruthenium, rhodium, palladium, osmium, iridium; or a single layer made from an alloy material or a compound material having the elements as its main constituent; or a lamination layer thereof.

5. (Currently Amended) A method of manufacturing an optical film according to claim 1, wherein the subject body comprises comprising silicon oxide, silicon oxynitride, or metal oxide.

6. (Currently Amended) A method of manufacturing an optical film according to claim 2, wherein the subject body comprises comprising silicon oxide, silicon oxynitride, or metal oxide.

7. (Currently Amended) A method of manufacturing an optical film comprising:

forming a metal layer on a first substrate;
forming an insulating layer on the metal layer;
forming an optical filter on the insulating layer;

forming a first adhesive material on the optical filter;
attaching forming a second substrate on the by using a first adhesive material; and
attaching a support medium to the second substrate by using a peelable adhesive agent;
separating the first substrate from the optical filter in a region between the metal layer and the insulating layer; and
separating the support medium and the peelable adhesive agent from the second substrate.

8. (Currently Amended) A method of manufacturing an optical film comprising:

forming a metal layer on a first substrate;
forming an insulating layer on the metal layer;
forming an optical filter on the insulating layer, the optical filter comprising a black matrix and a colored layer;
forming a peelable adhesive agent on the optical filter;
forming a support medium on the optical filter;
separating the first substrate from the optical filter in a region between the metal layer and the insulating layer; and
forming a second substrate on the insulating layerfilm by using an adhesive material; and
separating the support medium and the peelable adhesive agent from the optical filter.

9. (Currently Amended) A method of manufacturing an optical film comprising:

forming a metal layer on a first substrate;
forming an insulating layer on the metal layer;

forming an optical filter on the insulating layer, the optical filter comprising a black matrix and a colored layer;

forming a peelable adhesive agent on the optical filter;

forming a support medium on the optical filter;

separating the first substrate from the optical filter in a region between the metal layer and the insulating layer; and

forming a second substrate over the insulating layer film by using an adhesive material;
and

separating the support medium and the peelable adhesive agent from the optical filter.

10. (Previously Presented) A method of manufacturing an optical film according to claim 7, wherein separation between the metal layer and the insulating layer is caused by a physical means.

11-13. (Canceled)

14. (Previously Presented) A method of manufacturing an optical film according to claim 7, wherein a metal oxide film is formed between the metal layer and the insulating layer simultaneously with the formation of the metal layer and the insulating layer.

15. (Previously Presented) A method of manufacturing an optical film according to claim 7, wherein before forming the optical film, a metal oxide film is formed between the metal layer and the insulating layer by heating after forming the insulating layer.

16. (Previously Presented) A method of manufacturing an optical film according to claim 7, wherein after forming the optical filter, a metal oxide film is formed between the metal layer and the insulating layer by heating.

17. (Previously Presented) A method of manufacturing an optical film according to claim 7, wherein the insulating layer is formed after forming a metal oxide film by oxidizing a surface of the metal layer.

18. (Previously Presented) A method of manufacturing an optical film according to claim 14, wherein separation is caused between the metal layer and the metal oxide film, or between the metal oxide film and the insulating layer, or in the metal oxide film, by a physical means.

19. (Previously Presented) A method of manufacturing an optical film according to claim 7, wherein the metal layer is formed of an element selected from titanium, aluminum, tantalum, tungsten, molybdenum, copper, chromium, neodymium, iron, nickel, cobalt, ruthenium, rhodium, palladium, osmium, iridium; or a single layer made from an alloy material or a compound material having the elements as its main constituent; or a lamination layer thereof.

20. (Previously Presented) A method of manufacturing an optical film according to claim 7, wherein the insulating layer comprises silicon oxide, silicon oxynitride, or metal oxide.

21. (Previously Presented) A method of manufacturing an optical film according to claim 1, wherein the optical filter is a color filter or a color conversion filter.

22. (Previously Presented) A method of manufacturing an optical film according to claim 1, wherein the second substrate is plastic.

23. (Previously Presented) A method of manufacturing an optical film according to claim 1, wherein the optical film comprises a plurality of optical functions.

24. (Original) A method of manufacturing an optical film according to claim 23, wherein the second substrate is a polarizing plate, and elliptical polarizing plate composed of a retardation plate and a polarizing plate, a reflection film, or a light diffusing plate.

25. (Previously Presented) A method of manufacturing an optical film according to claim 2, wherein the support medium is a glass substrate, a quartz substrate, a metal substrate, or a ceramic substrate.

26. (Previously Presented) A method of manufacturing an optical film according to claim 2, wherein the peelable adhesive agent is a reactive peeling adhesive, a thermal peeling adhesive, a light peeling adhesive, or an anaerobic peeling adhesive; or a material having adhesive layers formed of one or more of these on both sides thereof.